



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

California State Office

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Sacramento, California 95825

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December 21, 2001

In Reply Refer To:

6840(P)

CA-930

EMS TRANSMISSION: 12/21/01

Instruction Memorandum No. CA-2002- 019

Expires: 9/30/2002

**To:** AFOs

**From:** State Director

**Subject:** Washington Office Call for Fish and Wildlife Data

**DD: 01/22/2002**

The attached Washington Office Instruction Memorandum (IM #2002-035) requests data concerning Fish, Wildlife, and Special Status Species, as well as Challenge Cost Share accomplishments. This call for data was previously transmitted as a Washington Directive to all BLM field offices on November 20, 2001. WO-230 wants a consolidated response from each State Office by January 25, 2002.

Please note that this data call differs from previous WO-230 fish and wildlife data calls in two important respects: (1) It has been streamlined with respect to FY 2001 accomplishments and FY 2003 needs such that only truly exemplary accomplishments and needs are solicited for this exercise, and (2) All States are required to submit a report on completed Challenge Cost Share projects that were funded in FY 2001. The requested recovery expenditure information (Table C) is similar to what has been previously requested and will be used for the Threatened and Endangered Species Expenditure Report to Congress, which is required pursuant to Section 18 of the Endangered Species Act.

While you are welcome to submit as many needs and accomplishments as you want to highlight (and those narratives may be used by CA-930 in future budget exercises), for purposes of this data call one exemplary accomplishment and one exemplary need from each Field Office should suffice. Each State is limited to submitting two narratives and five bullet items for accomplishments and two narratives and five bullet items for needs, for a total of four narratives by program.

Because the information requested in Table D (Challenge Cost Share) will be reported through the Annual Work Plan (AWP) process, and the FY 2002 AWP exercise has a later deadline, we have received

approval from WO-230 to defer the compilation of Table D until such time as Field Offices have submitted their responses to the FY 2002 AWP directive on Challenge Cost Share. **Therefore, in developing your response to Washington Office IM #2002-035, please complete Parts A through C by the requested deadline (1/22/02) and await further instructions before attempting to respond to Part D.** To facilitate the compilation of field offices responses, please have the appropriate staff in your office complete the tables for Parts A through C as best they can in the allowable time frame and have them forward their responses electronically to Ed Lorentzen via Lotus Notes.

Questions regarding this data call may be directed to Ed Lorentzen at 916-978-4646.

Signed by:  
J. Anthony Danna  
Acting State Director

Authenticated by:  
Richard A. Erickson  
Records Management

Attachment

1 - W.O. Instruction Memorandum No. 2002-035 (with referenced attachments) (23 pp.)

Distribution

WO-230 (Attn: Eric Lawton)

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
WASHINGTON, D.C. 20240

November 9, 2001

In Reply Refer To:  
6500 (230)P

EMS TRANSMISSION {11/23/2001}  
Instruction Memorandum No. 2002-035  
Expires: 09/30/2003

To: WO's and AFO's,

From: Assistant Director, Renewable Resources and Planning

Subject: Call for Fish, Wildlife, Botany, and Threatened and Endangered Species Data  
**DD: 01/25/2002**

**Program Area:** Fish, Wildlife, Botany, and Threatened and Endangered Species

**Purpose:** This Instruction Memorandum (IM) transmits the Fiscal Year (FY) 2001 Annual Request for Fish, Wildlife, Botany, and Special Status Species Data (Attachments 1-3) from the Fish, Wildlife and Forests Group (WO-230).

**Policy/Action:** Information in the appropriate format, as outlined in Attachment 1, includes Fish, Wildlife, Botany, and Threatened and Endangered Species accomplishments, needs and budget information. Information requested here focuses on those items relating to management of programs not tracked through the national Management Information System (MIS) system with program elements and workload measures.

The National Training Center (NTC), the National Science and Technology Center (NSTC) and all BLM State Offices are required to submit information. In addition, the Centers are asked to submit descriptions of customers or audiences served or benefitted.

In order to streamline this effort from previous years, each State will be asked to submit two narratives and five bullet items for accomplishments and two narratives and five bullet items for needs, for a total of four narratives by program. Therefore, it is important that each State feature those accomplishments and needs that are truly exemplary for your State. The WO-230 seeks well organized, descriptive, or otherwise high quality narratives, and has provided specific examples of such in attachments to this IM.

As directed by the FY 2001 Annual Work Plan, all States are required to submit a report on completed Challenge Cost Share (CCS) projects funded in FY 2001. Herein, we request that each State provide a list and funding levels of CCS projects completed in FY 2001 (Attachment 3).

**Time Frame:** In order to meet our budget reporting requirements, **all submissions are due to the WO by January 25, 2002.**

**Budget Impact:** None, however information is used to generate out-year budget needs and display additional opportunities above base program levels.

**Background:** The data requested here will be used to supply information needed for the Threatened and Endangered Species Expenditure Report to Congress, the 2003 Budget Justification, BLM's Public Land Statistics, the BLM Annual Report, and Needs Assessments by outside groups.

**Manual/Handbook Sections Affected:** None.

**Coordination:** As in past years, please submit a single electronic document from each State that consolidates information from your respective Field offices, utilizing the attached format. Please direct questions and responses to Eric Lawton ([eric\\_lawton@blm.gov](mailto:eric_lawton@blm.gov)). Eric may be reached at (202) 452-7760. A WordPerfect copy of this IM is available for downloading from the intranet at: <http://web.blm.gov/internal/wo-200/wo-230/datacall.htm>

Signed by:  
Henri R. Bisson  
Assistant Director  
Renewable Resources and Planning

Authenticated by:  
Barbara J. Brown  
Policy & Records Group, WO-560

***Directives forwarded to State Director, CA-930, E. Lorentzen***

***11/23/01***

**3 Attachments**

- 1 - Instructions & Information Needed for WO Reports for Fish, Wildlife, Botany, and Threatened & Endangered Species (6 pp)
- 2 - Table C for Reporting Expenditures for the Conservation of Endangered, Threatened, and Candidate Species (14 pp)
- 3 - Table D for Reporting Challenge Cost Share projects (1p)

# **Instructions and Information Needed for WO Reports for Fish, Wildlife, Botany, and Threatened and Endangered Species**

**State Office:** \_\_\_\_\_

State tables from FY00 are posted on the intranet <http://web.blm.gov/internal/wo-200/wo-230/datacall.htm>

## **A. 2001 Accomplishments: ESA Compliance/Species Conservation**

<b>ESA Compliance/Species Conservation for FY01</b>		
Description	Under Development	Completed
Number of Biological Assessments		
Cost of those Biological Assessments (000's)		

<b>Conservation Plans/Strategies/Agreements and Status</b>			
Names of Documents for FY01 (Insert as many rows as necessary)	Under Development	Completed	Being Implemented
Total Cost of Conservation Plans/Strategies/Agreements (000's)			

<b>Recovery Plans</b>		
	Animal	Plant
Number of Recovery Plans Being Implemented in FY01		
Total Cost to complete and implement Recovery Plans (000's)		
<b>Give the Number of Staff That Participated as a Recovery Team Member and Names of Recovery Plans Developed in FY01</b>		
Names of Recovery Plans for FY01 (Insert as many rows as necessary)	Staff Number	



## **B. 2001 Accomplishments and 2003 Needs**

Please provide total funding level needs and additional FTEs for your Fish, Wildlife, Botany, and Threatened and Endangered Species programs for Fiscal Year 2003.

- Each State Office should compile Resource Area or Field Office figures from the FY2003 Needs tables and submit one table per state.

<b>FY2003 Program Needs</b>		
	<b>Total Funding Needs (\$000's)</b>	<b>Additional Personnel Needs (#FTE)</b>
Wildlife		
Fisheries		
Botany		
Threatened and Endangered Species		

## **Accomplishments and Needs Narratives**

Specific examples of needs and successes help convey and quantify the Bureau's program accomplishments and needs. This information will be used for the Annual Fish and Wildlife Accomplishments Report, the 2003 budget justification, other reports, briefing papers, and brochures.

Please provide narratives describing Fish, Wildlife, Botany, and Threatened and Endangered Species Accomplishments for 2001 and Needs for Fiscal Year 2003. Each State is required to provide **two** accomplishments (each in paragraph form) and then five bulleted accomplishments for each program. Each State is also required to provide **two** needs narratives for each program (in paragraph form) and then up five bulleted needs for each program. Hence, we anticipate receiving a total of four narratives and ten bullets for each program. A sample for constructing and formatting the narratives has been provided. Please follow the guidelines below and utilize the standardized format provided.

### **Guidelines**

- Include the name of the Resource Area(s) or Field Office(s) in each accomplishment and need.
- Include possible partners such as Trout Unlimited or The Nature Conservancy.
- Provide positive economic benefit and/or conflict resolution to community and country as a result of management activities on BLM.
- Narratives should be clear, concise, and informative.

### **Threatened and Endangered Species Management (Sample Narratives)**

## **2001 Accomplishments**

BLM wildlife biologists continued to participate in delineation and habitat-use mapping efforts for sage grouse in a nine State region. State wildlife agencies are leading the conservation planning efforts in these States. In addition, biologists are working cooperatively in a seven-State area on developing State conservation plans for the black-tailed prairie dog, a species that potentially could be listed under the Endangered Species Act if conservation efforts fail. Efforts to inventory and identify potential reintroduction sites for the threatened Utah prairie dog are underway in Utah.

Several habitat improvement projects designed specifically for sage grouse were completed in Utah and Wyoming in cooperation with the Rocky Mountain Elk Foundation, the National Fish and Wildlife Foundation, Mule Deer Foundation, and Shell Oil Company. BLM, in cooperation with the Deseret Land and Livestock, cooperatively restored 320 acres of old monoculture seedings in an area that was historically important sage grouse habitat in northeastern Utah.

- Roswell Field Office is developing the Ft. Stanton Area of Critical Environmental Concern Implementation Plan that addresses the endangered Kuenzler's hedgehog cactus.
- BLM in Colorado continues to manage Black-footed ferret breeding and pre-conditioning facility. Ferrets from this facility are being transplanted in Colorado and Utah.
- Alturas Field Office inventoried eight allotments, totaling 116,000 acres, for sage grouse habitat. Fifteen leks were counted numerous times during the breeding season.
- Dillon Field Office coordinated with Beaverhead National Forests and Salmon Field Office to facilitate potential habitat mapping and identification of Lynx Analysis Units.
- Approximately 200,000 acres of grassland were surveyed for Mountain plover in the Socorro Field Office.

## **2003 Needs**

The Utah Prairie Dog Interim Conservation Strategy calls for vegetation projects to improve existing habitat. Monitoring of past projects is also needed. Improvement of public land habitat is required for implementation of the local Habitat Conservation Plan and in resolving conflicts on private lands. The “take” of Utah prairie dogs on private lands is based on Utah prairie dog numbers on public lands. Most of the vegetation projects would be completed by contractors. An additional FTE is needed to implement BLM’s recovery responsibilities and administer the Utah prairie dog program, freeing up our current biologist to work on other concerns. Cooperators include the Utah Division of Wildlife Resources and U.S. Fish and Wildlife Service. There is also increasing concern that existing Utah prairie dog management plans may need modification to cover multi-species concerns. (\$50,000)

Continuation of the Oregon Spotted Frog study with the USGS to determine the relationship of bullfrogs to the decline of Oregon Spotted Frog. Continue study of the Casey tract, Crescent Creek



and possibly Sunriver populations to determine how the populations in those areas which do not have bullfrog populations differ from the Casey tract which does have both species. Study results may help in determining how to allocate future funds and management. (i.e., Should we focus on maintaining certain habitats within bullfrog infested areas for spotted frogs or should we put effort into bullfrog control?) (\$35,000)

- The Surprise Field Office needs supplemental funding to promote recovery of the Warner sucker by conducting habitat surveys in the upper Warner Basin. (\$10,000)
- All Idaho Field Offices will need additional funding to implement actions to reduce noxious weed infestations on listed MacFarlane's four-o'clock populations. (\$7,000)
- Billings Field Office continued peregrine falcon productivity monitoring necessary under delisting criteria. (\$2,000)
- The Las Cruces Field Office will continue implementation of planned actions in the recovery plans for Southwestern willow flycatcher, loach minnow and spikedace. (\$15,000)
- Initiate a GIS mapping project for all listed special status plant species in the Kanab Field Office for the field office planning and standards and guides assessments. (\$10,000)

#### **Wildlife Management (Narratives)**

##### **2001 Accomplishments**

##### **2003 Needs**

#### **Fisheries Management (Narratives)**

##### **2001 Accomplishments**

##### **2003 Needs**

#### **Botany Management (Narratives)**

##### **2001 Accomplishments**

##### **2003 Needs**

### **C. FY2000 T/E Species Expenditures and Special Status Species Information**

Please provide Special Status Species list funding information on **Threatened and Endangered Species Expenditures for Fiscal Year 2001**. Follow the guidelines below and utilize the standardized format provided in Table C.

#### **Guidelines for T/E Expenditures**

- C Only species on the list of Endangered, Threatened, and Candidate Wildlife and Plants (50 CFR Part 17) at the end of the Fiscal Year are to be reported. Expenditures made prior to the actual listing date of a species, but still within the same year, may be reported (e.g., costs of public meetings, notices, surveys, initial recovery efforts). Monies for unlisted, separate populations of listed vertebrates cannot be allowed into the report.
- C Species should be identified by the same name as found in the most current list of species. Amounts above \$2,000 need be only to nearest \$500 or \$1,000; smaller amounts may be to the nearest \$100.
- C In passing the amendment, Congress indicated that the requirement was aimed primary at expenses associated with the development and implementation of recovery plans for listed species. Thus, the main focus of the report should be funding of projects that are primarily to support the conservation of endangered or threatened species.
- C Only reasonably identifiable expenditures for listed species will be totaled in this report. Extraordinary accounting to track monies expended on individual listed species are not expected.
- C All habitat acquisition costs are to be reported separately from all other identifiable expenditures. Such acquisitions must be primarily for the purpose of conserving specific Federally listed species. As with other projects, those portions of habitat acquisition costs that are specifically for a listed species may be prorated out of the total acquisition costs when the other habitat is being acquired for other purposes (e.g., 25 acres of a 250-acre purchase will be set aside).
- C Salary and benefits of an employee working full-time on a single species or whose time devoted to a particular species can be readily identified can be reported. Conversely, staff costs that are not assigned to work on particular species are not usually reportable.
- C Any State or Federal project that incurs increased costs related directly to mitigation or other conservation efforts on behalf of Federally listed species can report that added cost.
- C Examples of reportable expenditures that are directed to individual species include status surveys, habitat management or acquisition, research, propagation (including surrogate species), recovery plan development or implementation, and mitigation. The project must be to primarily benefit the listed species and not other conservation goals.
- C Expenditures in a single project devoted to a number of listed species should be prorated.

- C Monitoring and survey costs should be reported when: 1) The cost of the monitoring or survey was during the period the species was under a proposed listed and the species was actually listed in the same fiscal year that the monitoring and surveys were conducted; 2) The monitoring or survey covered both candidates and listed species and the cost can be prorated to include only the listed species; and 3) Monitoring or surveys costs of listed species should be included when they readily identifiable to a single species.

**D. FY2001 Challenge Cost Share**

Please provide funding information on Fiscal Year 2001 Challenge Cost Share accomplishments by completed project. Provide funding levels for each benefitting BLM subactivity and all contributed amounts from other partners. Please utilize the standardized format provided in Table D.

**Table C. FY2001 T/E Species Expenditures and Special Status Species Information**

(State lists from FY00 are posted on the intranet <http://web.blm.gov/internal/wo-200/wo-230/datacall.htm>)

Use the following table to provide a list of special status species that appear on BLM managed land. Only provide expenditures for Federally listed, proposed, and candidate species.

Special Status Species					
Common Name	Scientific Name	Status	Federally Proposed or Designated Critical Habitat (if yes, give approximate BLM acreage)	Expenditures (\$000's)	
				Total Cost	Land Acquisition 1./
<b>Federally Listed</b>					
Longhorn fairy shrimp	Branchinecta conservatio	FE			
Conservancy fairy shrimp	Branchinecta conservatio	FE			
Vernal pool fairy shrimp	Branchinecta lynchi	FT			
Valley elderberry longhorn beetle	Desmocerus californicus dimorphus	FT			
Quino checkerspot butterfly	Euphydryas editha quino	FE			
Kern primrose sphinx moth	Euproserpinus euterpe	FT			
Vernal pool tadpole shrimp	Lepidurus packardi	FE			
Modoc sucker	Catostomus microps	FE			
Warner sucker	Catostomus warnerensis	FT			
Shortnose sucker	Chasmistes brevirostris	FE			
Desert pupfish	Cyprinodon macularius	FE			
Owens pupfish	Cyprinodon radiosus	FE			
Lost River sucker	Deltistes luxatus	FE			
Unarmored threespine stickleback	Gasterosteus aculeatus williamsoni	FE			
Mohave tui chub	Gila bicolor mohavensis	FE			
Owens tui chub	Gila bicolor snyderi	FE			
Lahontan cutthroat trout	Oncorhynchus clarki henshawi	FT			
Coho salmon (Central CA Coast ESU)	Oncorhynchus kisutch	FT			
Coho salmon (So OR/No CA Coast ESU)	Oncorhynchus kisutch	FT			
Steelhead (Central Valley ESU)	Oncorhynchus mykiss	FT			
Steelhead (Central CA Coast ESU)	Oncorhynchus mykiss	FT			
Chinook salmon (Sacramento R. winter-run ESU)	Oncorhynchus tshawytscha	FE			
Chinook salmon (Central Valley	Oncorhynchus tshawytscha	FT			

spring-run ESU)					
Chinook salmon (California coastal ESU)	Oncorhynchus tshawytscha	FT			
Desert slender salamander	Batrachoseps aridus	FE			
Arroyo toad	Bufo microscaphus californicus	FE			
California red-legged frog	Rana aurora draytonii	FT			
Blunt-nosed leopard lizard	Gambelia silus	FE			
Desert tortoise	Gopherus agassizii	FT			
Giant garter snake	Thamnophis gigas	FT			
Coachella V. fringe-toed lizard	Uma inornata	FT			
Marbled murrelet	Brachyramphus marmoratus marmoratus	FT			
Aleutian Canada goose	Branta canadensis leucopareia	FT			
Western snowy plover	Charadrius alexandrinus nivosus	FT			
SW willow flycatcher	Empidonax traillii extimus	FE			
California condor	Gymnogyps californianus	FE			
Bald eagle	Haliaeetus leucocephalus	FT			
Brown pelican	Pelecanus occidentalis	FE			
Inyo CA (=brown) towhee	Pipilo crissalis eremophilus	FT			
Coastal CA gnatcatcher	Poliophtila californica californica	FT			
Yuma clapper rail	Rallus longirostris yumanensis	FE			
Northern spotted owl	Strix occidentalis caurina	FT			
Least Bell's vireo	Vireo bellii pusillus	FE			
Giant kangaroo rat	Dipodomys ingens	FE			
Fresno kangaroo rat	Dipodomys nitratoideis exilis	FE			
Tipton kangaroo rat	Dipodomys nitratoideis nitratoideis	FE			
Stephens' kangaroo rat	Dipodomys stephensi	FE			
Amargosa vole	Microtus californicus scirpensis	FE			
Bighorn sheep (Peninsular Ranges)	Ovis canadensis	FE			
Bighorn sheep (Sierra Nevada pop.)	Ovis canadensis californiana	FE			
San Joaquin kit fox	Vulpes macrotis mutica	FE			
San Diego thorn-mint	Acanthomintha ilicifolia	FT			
Munz's onion	Allium munzii	FT			
McDonald's rock-creep	Arabis mcdonaldiana	FE			
Morro manzanita	Arctostaphylos morroensis	FT			
Ione manzanita	Arctostaphylos myrtifolia	FT			
Cushenbury milk-vetch	Astragalus albens	FE			
Braunton's milk-vetch	Astragalus brauntonii	FE			

Lane Mtn. Milkvetch	<i>Astragalus jaegeriannus</i>	FE			
Coachella Valley milkvetch	<i>Astragalus lentiginosus</i> var. <i>coachellaie</i>	FE			
Fish Slough milkvetch	<i>Astragalus lentiginosus</i> var. <i>piscinensis</i>	FT			
Pierson's milkvetch	<i>Astragalus magdalenae</i> var. <i>piersonii</i>	FT			
Triple-ribbed milkvetch	<i>Astragalus tricarinatus</i>	FE			
San Jacinto Valley crownscale	<i>Atriplex coronata</i> notatior	FE			
Encinitis baccharis	<i>Baccharis vanessae</i>	FT			
Nevin's barberry	<i>Berberis nevinii</i>	FE			
Thread-leaved brodiaea	<i>Brodiaea filifolia</i>	FT			
Stebbins' morning-glory	<i>Calystegia stebbinsii</i>	FE			
San Benito evening-primrose	<i>Camissonia benitensis</i>	FT			
Fleshy owl's-clover	<i>Castilleja campestris</i> ssp. <i>succulenta</i>	FT			
California jewelflower	<i>Caulanthus californicus</i>	FE			
Pine Hill ceanothus	<i>Ceanothus roderickii</i>	FE			
Spring-loving centaury	<i>Centaureum namophilum</i>	FT			
Hoover's spurge	<i>Chamaesyce hooveri</i>	FT			
Purple amole	<i>Chlorogalum purpureum</i> var. <i>purpureum</i>	FT			
Howell's spineflower	<i>Chorizanthe howellii</i>	FE			
Orcutt's spineflower	<i>Chorizanthe orcuttiana</i>	FE			
Monterey spineflower	<i>Chorizanthe pungens</i> var. <i>pungens</i>	FT			
Chorro Creek bog thistle	<i>Cirsium fontinale</i> var. <i>obispoense</i>	FE			
La Graciosa thistle	<i>Cirsium loncholepis</i>	FE			
Springville clarkia	<i>Clarkia springvillensis</i>	FT			
Slender-horned spineflower	<i>Dodecahema leptoceras</i>	FE			
Marcescent dudleyea	<i>Dudleya cymosa</i> ssp. <i>marcescens</i>	FT			
Kern mallow	<i>Eremalche kernensis</i>	FE			
Santa Ana River woolly-star	<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	FE			
Hoover's woolly-star	<i>Eriastrum hooveri</i>	FT			
Parish's daisy	<i>Erigeron parishii</i>	FT			
Indian Knob mountain balm	<i>Eriodictyon altissimum</i>	FE			
Lompoc yerba santa	<i>Eriodictyon capitatum</i>	FE			
Ione buckwheat	<i>Eriogonum apricum</i>	FE			
Cushenbury buckwheat	<i>Eriogonum ovalifolium</i> var. <i>vineum</i>	FE			
Menzies' wallflower	<i>Erysimum menziesii</i> ssp. <i>eurekense</i>	FE			
Pine Hill flannelbush	<i>Fremontodendron californicum</i> ssp. <i>decumbens</i>	FE			

Mexican flannelbush	Fremontodendron mexicanum	FE			
El Dorado bedstraw	Galium californicum ssp. sierrae	FE			
Monterey gilia	Gilia tenuiflora ssp. arenaria	FE			
Ash Meadows gumplant	Grindelia fraxino-pratensis	FT			
Otay tarplant	Hemizonia conjugens	FT			
Water howellia	Howellia aquatilis	FT			
Contra Costa goldfields	Lasthenia conjugens	FE			
Beach layia	Layia carnosa	FE			
San Joaquin wooly-threads	Lembertia congdonii	FE			
Butte County meadowfoam	Limnanthes floccosa californica	FE			
Amargosa niterwort	Nitrophila mohavensis	FE			
Bakersfield cactus	Opuntia treleasei	FE			
California orcutt grass	Orcuttia californica	FE			
San Joaquin Valley orcutt grass	Orcuttia inaequalis	FT			
Hairy orcutt grass	Orcuttia pilosa	FE			
Slender orcutt grass	Orcuttia tenuis	FT			
Cushenbury oxytheca	Oxytheca parishii var. goodmaniana	FE			
Yreka phlox	Phlox hirsuta	FE			
Otay mesa-mint	Pogogyne nudiuscula	FE			
Hartweg's golden sunburst	Pseudobahia bahiifolia	FE			
San Joaquin adobe sunburst	Pseudobahia peirsonii	FT			
Layne's butterweed	Senecio layneae	FT			
Keck's checker-mallow	Sidalcea keckii	FE			
Metcalf Canyon jewelflower	Streptanthus albidus albidus	FE			
Greene's orcutt grass	Tuctoria greenei	FE			
Red Hills vervain	Verbena californica	FT			
<b>Federally Proposed</b>					
White abalone	Haliotes sorenseni	PE			
Cowhead Lake tui chub	Gila bicolor vaccaceps	PE			
Steelhead (Northern CA ESU)	Oncorhynchus mykiss	PT			
Mountain plover	Charadrium montanus	PT			
San Diego ambrosia	Ambrosia pumila	PE			

<b>Candidate</b>					
Black abalone	<i>Haliotis cracherodii</i>	C			
Steelhead (Klamath Mtns. ESU)	<i>Oncorhynchus mykiss</i>	C			
Chinook Salmon (Central V. ESU)	<i>Oncorhynchus tshawytscha</i>	C			
California tiger salamander	<i>Ambystoma californiense</i>	C			
Coachella Valley round-tailed ground squirrel	<i>Spermophilus tereticaudus</i> ssp. <i>chlorus</i>	C			
Red Mountain buckwheat	<i>Eriogonum kelloggii</i>	C			
Red Mountain stonecrop	<i>Sedum eastwoodiae</i>	C			
Parish's checkerbloom	<i>Sidalcea hickmanii</i> ssp. <i>parishii</i>	C			
<b>BLM Sensitive*</b>					
Keeled sideband snail	<i>Monadenia circumcarinata</i>	BS			
Hairy Sierra sideband snail	<i>Monadenia mormonum</i> <i>hirsuta</i>	BS			
Ciervo aegialian scarab beetle	<i>Aegialia concinna</i>	BS			
San Joaquin dune beetle	<i>Coelus gracilis</i>	BS			
Shoshone Cave whip-scorpion	<i>Trithyreus shoshonensis</i>	BS			
Amargosa River pupfish	<i>Cyprinodon nevadensis</i> <i>amargosae</i>	BS			
Red Hills roach	<i>Lavinia symmetricus</i> ssp.	BS			
Amargosa speckled dace	<i>Rhinichthys osculus</i> ssp.	BS			
Inyo Mountains slender salamander	<i>Batrachoseps campi</i>	BS			
Tehachapi slender salamander	<i>Batrachoseps stebbinsi</i>	BS			
Yellow-blotched salamander	<i>Ensatina eschscholtzi</i> <i>croceator</i>	BS			
Foothill yellow-legged frog	<i>Rana boylei</i>	BS			
San Sebastian leopard frog	<i>Rana yavapaiensis</i>	BS			
Couch's spadefoot toad	<i>Scaphiopus couchi</i>	BS			
Southwestern pond turtle	<i>Clemmys marmorata</i> <i>pallida</i>	BS			
Coronado skink	<i>Eumeces skiltonianus</i> <i>interparietalis</i>	BS			
Gila monster	<i>Heloderma suspectum</i>	BS			
St. Helena mountain kingsnake	<i>Lampropeltis zonata</i> <i>zonata</i>	BS			
California horned lizard	<i>Phrynosoma coronatum</i> <i>frontale</i>	BS			
Flat-tailed horned lizard	<i>Phrynosoma mcalli</i>	BS			
Northern sagebrush lizard	<i>Sceloporus graciosus</i> <i>graciusus</i>	BS			
Two-striped garter snake	<i>Thamnophis hammondi</i>	BS			
Colorado Desert fringe-toed lizard	<i>Uma notata</i> <i>notata</i>	BS			
Mojave fringe-toed lizard	<i>Uma scoparia</i>	BS			



Tricolored blackbird	Agelaius tricolor	BS			
Burrowing owl	Athene cunicularia	BS			
Sage grouse	Centrocercus urophasianus	BS			
California spotted owl	Strix occidentalis occidentalis	BS			
Bendire's thrasher	Toxostoma bendirei	BS			
Le Conte's thrasher	Toxostoma lecontei	BS			
Gray vireo	Vireo vicinior	BS			
Pallid bat	Antrozous pallidus	BS			
Marysville kangaroo rat	Dipodomys californicus eximius	BS			
Short-nosed kangaroo rat	Dipodomys nitratoideus brevinasus	BS			
Spotted bat	Euderma maculatum	BS			
Western mastiff-bat	Eumops perotis californicus	BS			
California leaf-nosed bat	Macrotus californicus	BS			
Pacific fisher	Martes pennanti pacifica	BS			
Small-footed Myotis	Myotis ciliolabrum	BS			
Long-eared Myotis	Myotis evotis	BS			
Fringed Myotis	Myotis thysanodes	BS			
Cave myotis	Myotis velifer	BS			
Yuma Myotis	Myotis yumanensis	BS			
Tulare grasshopper mouse	Onychomys torridus tularensis	BS			
Desert bighorn sheep	Ovis canadensis nelsoni	BS			
San Joaquin pocket mouse	Perognathus inornatus inornatus	BS			
Yellow-eared pocket mouse	Perognathus xanthonotus	BS			
Townsend's western big-eared bat	Plecotus townsendii	BS			
pink sand-verbena	Abronia umbellata ssp. breviflora	BS			
Henderson's bent grass	Agrostis hendersonii	BS			
Jepson's onion	Allium jepsonii	BS			
Spanish Needle onion	Allium shevockii	BS			
dimorphic snapdragon	Antirrhinum subcordatum	BS			
Bodie Hills rock cress	Arabis bodiensis	BS			
Darwin rock cress	Arabis pulchra var. munciensis	BS			
white bear poppy	Arctomecon merriamii	BS			
Arroyo De La Cruz manzanita	Arctostaphylos cruzensis	BS			
Hooker's manzanita	Arctostaphylos hookeri ssp. hookeri	BS			
Klamath manzanita	Arctostaphylos klamathensis	BS			
Monterey manzanita	Arctostaphylos montereyensis	BS			
Nissenan manzanita	Arctostaphylos nissenana	BS			

Otay manzanita	Arctostaphylos otayensis	BS			
Santa Margarita manzanita	Arctostaphylos pilosula	BS			
Sandmat manzanita	Arctostaphylos pumila	BS			
sand mesa manzanita	Arctostaphylos rudis	BS			
Field milk-vetch	Astragalus agrestis	BS			
Ash Valley milk-vetch	Astragalus anxius	BS			
Silverleaf milk-vetch	Astragalus argophyllus var. argophyllus	BS			
Darwin Mesa milk-vetch	Astragalus atratus var. mensanus	BS			
Deane's milk-vetch	Astragalus deanei	BS			
Jacumba milkvetch	Astragalus douglasii var. perstrictus	BS			
Walker Pass milkvetch	Astragalus ertterae	BS			
black milk-vetch	Astragalus funereus	BS			
Geyer's milkvetch	Astragalus geyeri var. geyeri	BS			
lens-pod milk-vetch	Astragalus lentiformis	BS			
San Diego rattleweed	Astragalus oocarpus	BS			
Tonopah milk-vetch	Astragalus pseudiodanthus	BS			
Pulsifer's milk-vetch	Astragalus pulsiferae var. pulsiferae	BS			
Suksdorf's milk-vetch	Astragalus pulsiferae var. suksdorfii	BS			
Jepson's milk-vetch	Astragalus rattanii var. jepsonianus	BS			
Shevock's milk-vetch	Astragalus shevockii	BS			
Ferris's milk-vetch	Astragalus tener var. ferrisiae	BS			
Tiehm's milk-vetch	Astragalus tiehmii	BS			
Webber's milk-vetch	Astragalus webberi	BS			
heart-leaved saltbush	Atriplex cordulata	BS			
Lost Hills saltbush	Atriplex vallicola	BS			
woolly balsamroot	Balsamorhiza hookeri var. lanata	BS			
big-scale balsamroot	Balsamorhiza macrolepis var. macrolepis	BS			
scalloped moonwort	Botrichium crenulatum	BS			
Orcutt's brodiaea	Brodiaea orcuttii	BS			
Ceanothus divergens	Calistoga ceanothus	BS			
Arroyo de la Cruz mariposa lily	Calochortus clavatus ssp. recurvifolius	BS			
Pleasant Valley mariposa lily	Calochortus clavatus var. avius	BS			
Inyo mariposa	Calochortus excavatus	BS			
Greene's mariposa	Calochortus greenei	BS			
long-haired star-tulip	Calochortus longebarbatus var. longebarbatus	BS			

San Luis mariposa lily	Calochortus obispoensis	BS			
alkali mariposa lily	Calochortus striatus	BS			
Shirley Meadows star-tulip	Calochortus westonii	BS			
Hardham's evening-primrose	Camissonia hardhamiae	BS			
Sharsmith's harebell	Campanula sharsmithiae	BS			
Castle Crag's harebell	Campanula shetleri	BS			
San Luis Obispo sedge	Carex obispoensis	BS			
Mendocino Coast paintbrush	Castilleja mendocinensis	BS			
Santa Barbara jewelflower	Caulanthus amplexicaulis var. barbarae	BS			
Jaeger's caulostramina	Caulostramina jaegeri	BS			
Rincon Ridge ceanothus	Ceanothus confusus	BS			
Monterey ceanothus	Ceanothus cuneatus var. rigidus	BS			
lakeside ceanothus	Ceanothus cyaneus	BS			
Calistoga ceanothus	Ceanothus divergens	BS			
Shasta chaenactis	Chaenactis suffrutescens	BS			
flat-seeded spurge	Chamaesyce platysperma	BS			
Red Hills soaproot	Chlorogalum grandiflorum	BS			
dwarf soaproot	Chlorogalum pomeridianum var. minus	BS			
San Benito spineflower	Chorizanthe biloba var. immemora	BS			
Brewer's spineflower	Chorizanthe breweri	BS			
straight-awned spineflower	Chorizanthe rectispina	BS			
slough thistle	Cirsium crassicaule	BS			
Mt. Hamilton thistle	Cirsium fontinale var. campylon	BS			
compact cobwebby thistle	Cirsium occidentale var. compactum	BS			
Mariposa clarkia	Clarkia biloba ssp. australis	BS			
Shasta clarkia	Clarkia borealis ssp. arida	BS			
white-stemmed clarkia	Clarkia gracilis ssp. albicaulis	BS			
Mosquin's clarkia	Clarkia mosquinii ssp. mosquinii	BS			
Enterprise clarkia	Clarkia mosquinii ssp. xerophila	BS			
Beaked clarkia	Clarkia rostrata	BS			
Caliente clarkia	Clarkia trembloriensis ssp. calientensis	BS			
Great Basin claytonia	Claytonia umbellata	BS			
hispid bird's beak	Cordylanthus mollis ssp. hispidus	BS			
Tecopa bird's beak	Cordylanthus tecopensis	BS			
pallid bird's beak	Cordylanthus tenuis ssp. pallescens	BS			
Mt. Hamilton coreopsis	Coreopsis hamiltonii	BS			

silky cryptantha	Cryptantha crinita	BS			
Gander's cryptantha	Cryptantha ganderi	BS			
Schoolcraft's cryptantha	Cryptantha schoolcraftii	BS			
Piute cypress	Cupressus arizonica ssp. nevadensis	BS			
Tecate cypress	Cupressus forbesii	BS			
Bodie Hills cusickiella	Cusickiella quadricostata	BS			
desert cymopterus	Cymopterus deserticola	BS			
Ornate dalea	Dalea ornata	BS			
Kern County Larkspur	Delphinium purpusii	BS			
recurved larkspur	Delphinium recurvatum	BS			
California ditaxis	Ditaxis californica	BS			
Mt. Eddy draba	Draba carnosula	BS			
San Luis Obispo serpentine dudleya	Dudleya abramsii ssp. bettinae	BS			
many-stemmed duleya or hasseanthus	Dudleya multicaulis	BS			
variegated dudleya	Dudleya variegata	BS			
Howe's hedgehog cactus	Echinocereus engelmannii var. howei	BS			
Panamint daisy	Enceliopsis covillei	BS			
Oregon fireweed	Epilobium oreganum	BS			
Siskiyou fireweed	Epilobium siskiyouense	BS			
Eastwood's goldenbush	Ericameria fasciculata	BS			
Hall's daisy	Erigeron aquifolius	BS			
Blochman's leafy daisy	Erigeron blochmaniae	BS			
Kern River daisy	Erigeron multiceps	BS			
forked buckwheat	Eriogonum bifurcatum	BS			
Piute buckwheat	Eriogonum breedlovei var. breedlovei	BS			
Crosby's buckwheat	Eriogonum crosbyae	BS			
Wild Rose Canyon buckwheat	Eriogonum eremicola	BS			
Klamath Mtn. buckwheat	Eriogonum hirtellum	BS			
Cache Peak buckwheat	Eriogonum kennedyi var. pinicola	BS			
Panamint Mountains buckwheat	Eriogonum microthecum var. panamintense	BS			
Snow Mtn. buckwheat	Eriogonum nervulosum	BS			
mouse buckwheat	Eriogonum nudum var. murinum	BS			
prostrate buckwheat	Eriogonum prociduum	BS			
Temblor buckwheat	Eriogonum temblorense	BS			
Fort Tejon woolly sunflower	Eriophyllum lanatum var. hallii	BS			
Barstow woolly-sunflower	Eriophyllum mohavense	BS			
Coast wallflower	Erysimum ammophilum	BS			

Tuolumne fawn-lily	<i>Erythronium tuolumnense</i>	BS			
Red Rock poppy	<i>Eschscholzia minutiflora</i> ssp. <i>twisselmannii</i>	BS			
diamond-petaled California poppy	<i>Eschscholzia rhombipetala</i>	BS			
Alverson's foxtail cactus	<i>Escobaria vivipara</i> var. <i>alversonii</i>	BS			
Butte County fritillary	<i>Fritillaria eastwoodiae</i>	BS			
talus fritillary	<i>Fritillaria falcata</i>	BS			
adobe lily	<i>Fritillaria pluriflora</i>	BS			
San Jacinto bedstraw	<i>Galium californicum</i> ssp. <i>primum</i>	BS			
Modoc bedstraw	<i>Galium glabrescens</i> ssp. <i>modocense</i>	BS			
San Gabriel bedstraw	<i>Galium grande</i>	BS			
Hardham's bedstraw	<i>Galium hardhamiae</i>	BS			
Kingston bedstraw	<i>Galium hilendiae</i> ssp. <i>kingstonense</i>	BS			
Scott Mtn. bedstraw	<i>Galium serpticum</i> ssp. <i>scotticum</i>	BS			
Warner Mtns. bedstraw	<i>Galium serpticum</i> ssp. <i>warnerense</i>	BS			
Mendocino gentian	<i>Gentiana setigera</i>	BS			
little San Bernardino Mt. <i>gilia</i>	<i>Gilia maculata</i>	BS			
Mission Canyon bluecup	<i>Githopsis diffusa</i> ssp. <i>filicaulis</i>	BS			
pungent glossopetalon	<i>Glossopetalon pungens</i>	BS			
Palmer's grapplinghook	<i>Harpagonella palmeri</i>	BS			
Orcutt's Hazardia	<i>Hazardia orcuttii</i>	BS			
Diablo rock-rose	<i>Helianthella castanea</i>	BS			
Tecate tarplant	<i>Hemizonia floribunda</i>	BS			
Congdon's tarplant	<i>Hemizonia parryi</i> ssp. <i>congdonii</i>	BS			
glandular western flax	<i>Hesperolinon adenophyllum</i>	BS			
Brewer's dwarf flax	<i>Hesperolinon breweri</i>	BS			
Drymaria-like western flax	<i>Hesperolinon drymarioides</i>	BS			
Napa western flax	<i>Hesperolinon serpentinum</i>	BS			
Tehama County western flax	<i>Hesperolinon tehamense</i>	BS			
Shevock's hairy golden-aster	<i>Heterotheca villosa</i> var. <i>shevockii</i>	BS			
Duran's alumroot	<i>Heuchera duranii</i>	BS			
Henderson's horkelia	<i>Horkelia hendersonii</i>	BS			
Parry's horkelia	<i>Horkelia parryi</i>	BS			
Inyo hulsea	<i>Hulsea vestita</i> ssp. <i>inyoensis</i>	BS			
Sierra Valley ivesia	<i>Ivesia aperta</i> var. <i>aperta</i>	BS			
Jaeger's ivesia	<i>Ivesia jaegeri</i>	BS			
alkali ivesia	<i>Ivesia kingii</i> var. <i>kingii</i>	BS			

Castle Crag ivesia	Ivesia longibracteata	BS			
Ash Creek ivesia	Ivesia paniculata	BS			
Kingston Mtns. ivesia	Ivesia patellifera	BS			
Pickering's ivesia	Ivesia pickeringii	BS			
grimy ivesia	Ivesia rhypara var. rhypara	BS			
Plumas ivesia	Ivesia sericoleuca	BS			
Webber's ivesia	Ivesia webberi	BS			
Red Bluff dwarf rush	Juncus leiospermus var. leiospermus	BS			
Coulter's goldfields	Lasthenia glabrata ssp. coulteri	BS			
rayless tidytips	Layia discoidea	BS			
pale-yellow layia	Layia heterotricha	BS			
Jones's layia	Layia jonesii	BS			
Comanche Point layia threads	Layia leucopappa	BS			
Munz's tidy-tips	Layia munzii	BS			
Colusa layia	Layia septentrionalis	BS			
legenere	Legenere limosa	BS			
Gander's pitcher-sage	Lepechinia ganderi	BS			
Borrego Valley pepper-grass	Lepidium flavum var. felipense	BS			
Panoch pepper-grass	Lepidium jaredii ssp. album	BS			
Jared's pepper-grass	Lepidium jaredii ssp. jaredii	BS			
Cantelow's lewisia	Lewisia cantelovii	BS			
Heckner's lewisia	Lewisia cotyledon var. heckneri	BS			
Stebbins' lewisia	Lewisia stebbinsii	BS			
Bellinger's meadowfoam	Limnanthes floccosa ssp. bellingeriana	BS			
Mt. Tedoc linanthus	Linanthus nuttallii ssp. howellii	BS			
Orcutt's linanthus	Linanthus orcuttii	BS			
sagebrush loeflingia	Loeflingia squarrosa var. artemisiarum	BS			
Congdon's lomatium	Lomatium congdonii	BS			
Owens Peak lomatium	Lomatium shevockii	BS			
red-flowered lotus	Lotus rubriflorus	BS			
Anthony Peak lupine	Lupinus antoninus	BS			
Quincy lupine	Lupinus dalesiae	BS			
Mono Lake lupine	Lupinus duranii	BS			
Mountain Springs bush lupine	Lupinus excubitus var. medius	BS			
San Luis lupine	Lupinus ludovicianus	BS			
Panamint Mountains lupine	Lupinus magnificus var. magnificus	BS			
shaggyhair lupine	Lupinus spectabilis	BS			

Niles's madia	Madia doris-nilesiae	BS			
Hall's madia	Madia hallii	BS			
showy madia	Madia radiata	BS			
Stebbins's madia	Madia stebbinsii	BS			
Davidson's bush mallow	Malacothamnus davidsonii	BS			
Carmel Valley bush mallow	Malacothamnus palmeri var. involucratus	BS			
Carmel Valley malacothrix	Malacothrix saxatilis var. arachnoidea	BS			
Slender-stemmed monkeyflower	Mimulus filicaulis	BS			
Mojave monkeyflower	Mimulus mohavensis	BS			
Kaweah monkeyflower	Mimulus norrisii	BS			
calico monkeyflower	Mimulus pictus	BS			
pygmy monkeyflower	Mimulus pygmaeus	BS			
Shevock's monkeyflower	Mimulus shevockii	BS			
Lassics sandwort	Minuartia decumbens	BS			
Scott Mtn. sandwort	Minuartia stolonifera	BS			
Sweet-smelling monardella	Monardella beneolens	BS			
crisp monardella	Monardella crista	BS			
veiny monardella	Monardella douglasii var. venosa	BS			
San Luis Obispo monardella	Monardella frutescens	BS			
flax-like monardella	Monardella linoides ssp. oblonga	BS			
Robison monardella	Monardella robisonii	BS			
San Diego goldenstar	Muilla clevelandii	BS			
Baker's navarretia	Navarretia leucocephala ssp. bakeri	BS			
Piute Mountains navarretia	Navarretia setiloba	BS			
Shasta snow-wreath	Neviusia cliftonii	BS			
short-joint beavertail	Opuntia basilaris var. brachyclada	BS			
Munz cholla	Opuntia munzii	BS			
purple mountain-parsley	Oreonana purpurascens	BS			
Shasta orthocarpus	Orthocarpus pachystachyus	BS			
Nevada oryctes	Oryctes nevadensis	BS			
Little ricegrass	Oryzopsis exigua	BS			
giant Spanish needle	Palafoxia arida var. gigantea	BS			
Ahart's paronychia	Paronychia ahartii	BS			
Dwarf lousewort	Pedicularis centranthera	BS			
white-margined beardtongue	Penstemon albomarginatus	BS			
thread-leaved beardtongue	Penstemon filiformis	BS			

Death Valley beardtongue	Penstemon fruticiformis var. amargosae	BS			
closed-throated beardtongue	Penstemon personatus	BS			
Stephen's beardtongue	Penstemon stephensii	BS			
Tracy's beardtongue	Penstemon tracyi	BS			
slender pentachaeta	Pentachaeta exilis ssp. aeolica	BS			
Inyo laphamia	Perityle inyoensis	BS			
Hanaupah laphamia	Perityle villosa	BS			
Death Valley sandpaper plant	Petalonyx thurberi ssp. gilmanii	BS			
Cooke's phacelia	Phacelia cookei	BS			
Scott Mountain phacelia	Phacelia dalesiana	BS			
Scott Valley phacelia	Phacelia greenei	BS			
Siskiyou phacelia	Phacelia leonis	BS			
Mono County phacelia	Phacelia monoensis	BS			
Death Valley round-leaved phacelia	Phacelia mustelina	BS			
Nash's phacelia	Phacelia nashiana	BS			
Nine Mile Canyon phacelia	Phacelia novemmillensis	BS			
Parish's phacelia	Phacelia parishii	BS			
Mount Diablo phacelia	Phacelia phacelioides	BS			
Stebbins' phacelia	Phacelia stebbinsii	BS			
Profuse-flowered pogogyne	Pogogyne floribunda	BS			
Mason's sky pilot	Polemonium chartaceum	BS			
Modoc County knotweed	Polygonum polygaloides ssp. esotericum	BS			
Black Rock potentilla	Potentilla basaltica	BS			
Howell's alkali grass	Puccinellia howelli	BS			
Parish's alkali grass	Puccinellia parishii	BS			
showy raillardella	Raillardella pringlei	BS			
Muir's raillardella	Raillardiopsis muirii	BS			
California beaked-rush	Rhynchospora californica	BS			
Moreno currant, San Diego currant	Ribes canthariforme	BS			
Sequoia gooseberry	Ribes tularense	BS			
Columbia yellow cress	Rorippa columbiae	BS			
Hall's rupertia	Rupertia hallii	BS			
Sanford's arrowhead	Sagittaria sanfordii	BS			
Tracy's sanicle	Sanicula tracyi	BS			
black-flowered figwort	Scrophularia atrata	BS			
Holmgren's skullcap	Scutellaria holmgreniorum	BS			



Feather River stonecrop	<i>Sedum albomarginatum</i>	BS			
Applegate stonecrop	<i>Sedum oblancoelatum</i>	BS			
Canyon Creek stonecrop	<i>Sedum paradisum</i>	BS			
cut-leaved ragwort	<i>Senecio eurycephalus</i> var. <i>lewisrosei</i>	BS			
Butte County checker-mallow	<i>Sidalcea robusta</i>	BS			
English Peak greenbriar	<i>Smilax jamesii</i>	BS			
Rusby's desert-mallow	<i>Sphaeralcea rusbyi</i> var. <i>eremicola</i>	BS			
Woolly stenotus	<i>Stenotus lanuginosus</i>	BS			
Socrates Mine jewel-flower	<i>Streptanthus brachiatus</i> ssp. <i>brachiatus</i>	BS			
Freed's jewelflower	<i>Streptanthus brachiatus</i> ssp. <i>hoffmannii</i>	BS			
Mount Hamilton jewel-flower	<i>Streptanthus callistus</i>	BS			
Piute Mountains jewel-flower	<i>Streptanthus cordatus</i> var. <i>piutensis</i>	BS			
Hoffmann's jewel-flower	<i>Streptanthus glandulosus</i> var. <i>hoffmannii</i>	BS			
Three Peaks jewelflower	<i>Streptanthus morrisonii</i> ssp. <i>elatus</i>	BS			
Dorr's Cabin jewel-flower	<i>Streptanthus morrisonii</i> ssp. <i>hirtiflorus</i>	BS			
Kruckeberg's jewelflower	<i>Streptanthus morrisonii</i> ssp. <i>kruckebergii</i>	BS			
Morrison's jewel-flower	<i>Streptanthus morrisonii</i> ssp. <i>morrisonii</i>	BS			
Masonic Mountain jewelflower	<i>Streptanthus oliganthus</i>	BS			
oil neststraw	<i>Stylocline citroleum</i>	BS			
Mason neststraw	<i>Stylocline masonii</i>	BS			
Parry's tetracoccus	<i>Tetracoccus dioicus</i>	BS			
DeDecker's clover	<i>Trifolium macilentum</i> var. <i>dedeckerae</i>	BS			
El Dorado mule ears	<i>Wyethia reticulata</i>	BS			
Orcutt's woody aster	<i>Xylorhiza orcuttii</i>	BS			

FE-Federally endangered FT-Federally threatened PE-Proposed endangered PT-Proposed threatened C-Candidate BS-BLM sensitive CH-Critical Habitat PCH-Proposed Critical Habitat

\* List species designated pursuant to IM-97-118

1./ As part of the total cost

**Table D. FY2001 Challenge Cost Share**

Please provide funding information on Fiscal Year 2001 Challenge Cost Share accomplishments by completed project. Provide funding levels for each benefitting BLM subactivity and all contributed amounts from other partners.

FY2001 Challenge Cost Share (000's)									
Office	Descriptive Title of Project	BLM Contribution by Subactivity							Partner(s) Contribution
		1020	1040	1050	1110	1120	1150	1220	
Totals									

